

FIG. 1

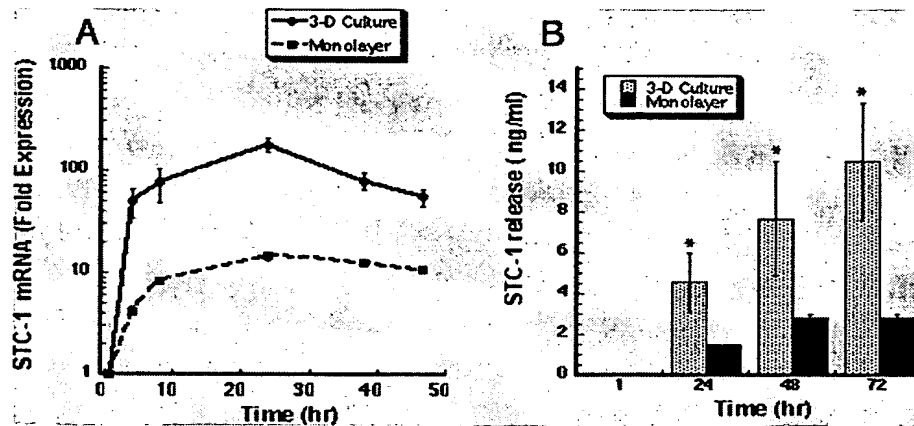


FIG. 2

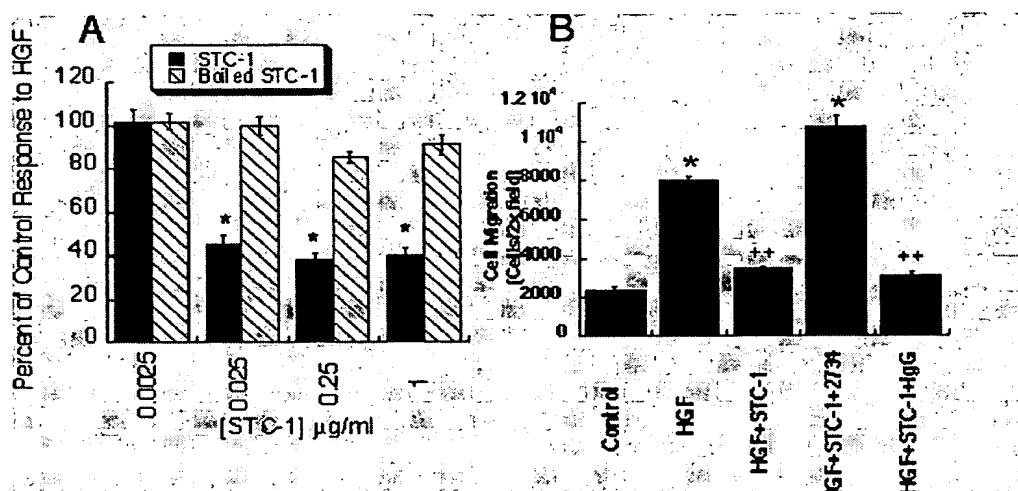


FIG. 3

A

B

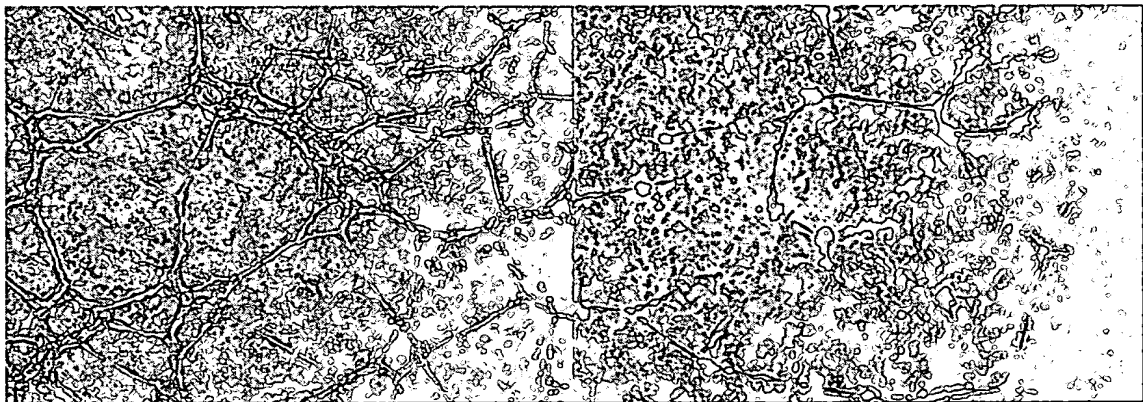
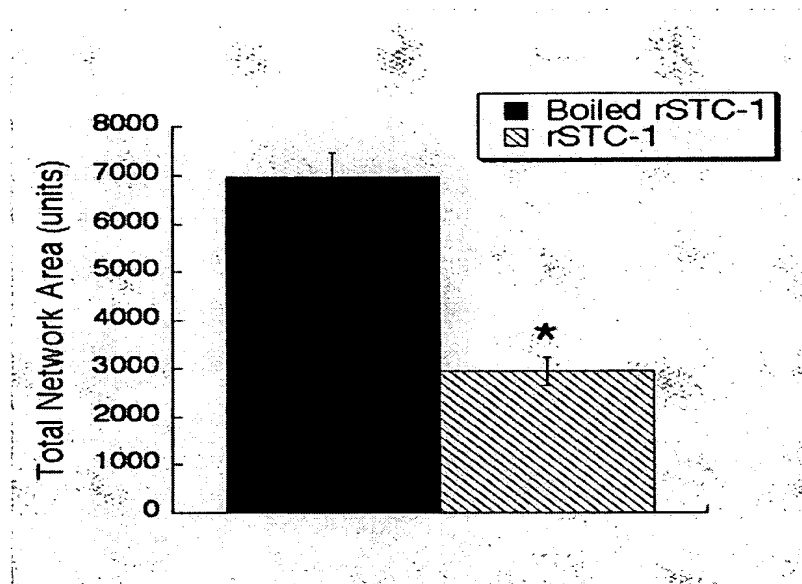


FIG. 3C



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FIG. 4

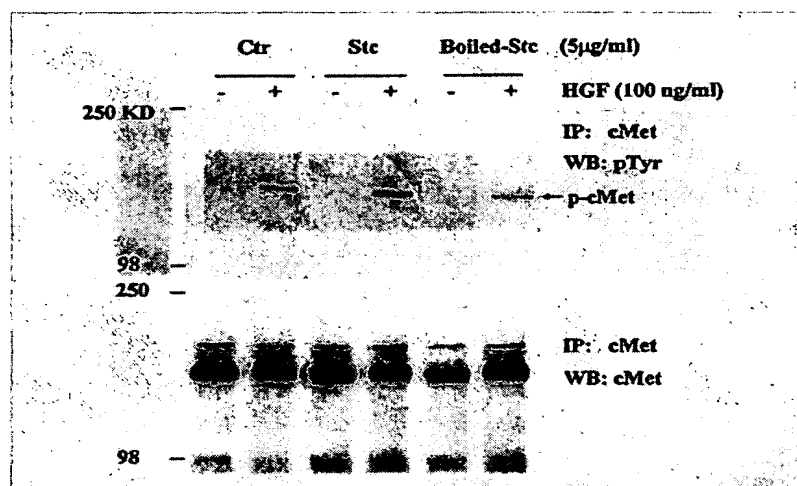


FIG. 5

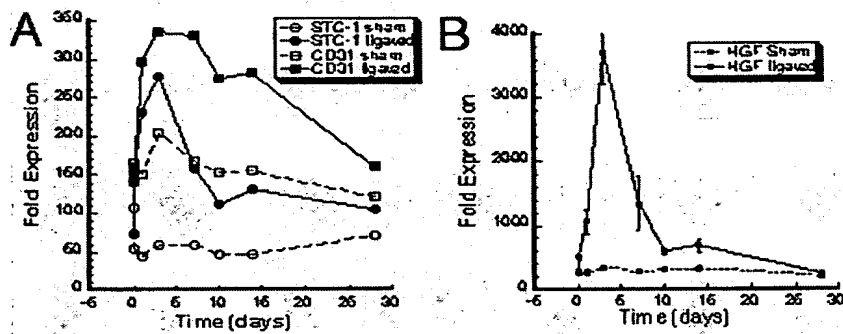


FIG. 6A

CAGTTTGCAAAAGCCAGAGGTGCAAGAAGCAGCGACTGCAGCAGCAGCAGCAGCAGCAGCGGC
GGTGGCAGCAGCAGCAGCAGCAGCGGCGGCAGCAGCAGCAGCAGCAGCGGAGGCACCGGTGGCAGC
AGCAGCATCACCAGCAACAACAACAAAAAAATCCTCATCAAATCCTCACCTAAGCTTT
CAGTGTATCCAGATCCACATCTTCACTCAAGCCAGGAGAGGGAAAGAGGAAAGGGGGGCA
GGAAAAAACCACAACTTAGCGGAACTTCTCAGAGAATGCTCCAAACTCAG
CAGTGCTTCTGGTGCTGGTGATCAGTGCTTCTGCAACCCATGAGGCGGAGCAGAATGACT
CTGTGAGCCCCAGGAAATCCCGAGTGGCGGCTCAAACTCAGCTGAAGTGGTTCGTTGCC
TCAACAGTGCTCTACAGGTCGGCTGCGGGGCTTTTGCATGCCTGGAAAACCTCACCTGTG
ACACAGATGGGATGTATGACATCTGTAAATCCTTCTGTACAGCGCTGCTAAATTTGACA
CTCAGGGAAAAGCATTCGTCAAAGAGAGCTTAAAATGCATCGCCAACGGGGTCACCTCCA
AGGTCTTCCTCGCCATTCGGAGGTGCTCCACTTTCCAAAGGATGATTGCTGAGGTGCAGG
AAGAGTGCTACAGCAAGCTGAATGTGTGCAGCATCGCCAAGCGGAACCTGAAGCCATCA
CTGAGGTGCTCCAGCTGCCAATCACTTCTCCAACAGATACTATAACAGACTTGTCCGAA
GCCTGCTGGAATGTGATGAAGACACAGTCAGCACAATCAGAGACAGCCTGATGGAGAAAA
TTGGGCCTAACATGGCCAGCCTCTTCCACATCCTGCAGACAGACCACTGTGCCCAAACAC
ACCCACGAGCTGACTTCAACAGGAGACGCACCAATGAGCCGCAGAAGCTGAAAGTCCTCC
TCAGGAACCTCCGAGGTGAGGAGGACTCTCCCTCCACATCAAACGCACATCCCATGAGA
GTGCATAACCAGGGAGAGGTTATTCAACCTCACCAAACCTAGTATCATTTTAGGGGTGT
TGACACACCAATTTTGAGTGTACTGTGCCTGGTTTGATTTTTTTAAAGTAGTTCCTATTT
TCTATCCCCCTTAAAGAAAATTGCATGAACTAGGCTTCTGTAATCAATATCCCAACATT
CTGCAATGGCAGCATTCACCAACAAAATCCATGTGATCATTCTGCCTCTCCTCAGGAG
AAAGTACCCTCTTTTACCAACTTCCTCTGCCATGTCTTTTCCCTGCTCCCTGAGACCA
CCCCAAACACAAAACATTCAATGTAACCTCTCCAGCCATTGTAATTTGAAGATGTGGATCC
CTTTAGAACGGTTGCCCCAGTAGAGTTAGCTGATAAGGAACTTTATTTAAATGCATGTC
TTAAATGCTCATAAAGATGTTAAATGGAATTCGTGTTATGAATCTGTGCTGGCCATGGAC
GAATATGAATGTCACATTTGAATCTTGATCTCTAATGAGCTAGTGTCTTATGGTCTTGA
TCCTCCAATGTCTAATTTCTTTCCGACACATTTACCAAATTGCTTGAGCCTGGCTGTCC
AACCAGACTTTGAGCCTGCATCTTCTTGATCTAATGAAAAACAAAAAGCTAACATCTTT

FIG. 6B

ACGTACTGTAAGTCTCAGAGCTTTAAAAGTATCTTTAACAATTGTCTTAAAACCAGAGA
ATCTTAAGGTCTAACTGTGGAATATAAATAGCTGAAAATAATGTACTGTACATAAATTC
CAGAGGACTCTGCTTAAACAAAGCAGTATATAATAACTTTATTGCATATAGATTTAGTTT
TGTAAGTTAGCTTTATTTTCTTTTCTGGGAATGGAATAACTATCTCACTTCCAGATAT
CCACATAAATGCTCCTTGTGGCCTTTTTTATACTAAGGGGGTAGAAGTAGTTTTAATTC
AACATCAAACTTAAGATGGGCCTGTATGAGACAGGAAAAACCAACAGGTTTATCTGAAG
GACCCAGGTAAGATGTTAATCTCCAGCCACCTCAACCCAGAGGCTACTCTTGACTTA
GACCTATACTGAAAGATCTCTGTCACATCCAAGTGGAAATTCAGGAACCAAAAAGAGCA
TCCCTATGGGCTTGACCCTTACAGTGTGATAAGGCCTACTATACATTAGGAAGTGGTA
GTTCTTTACTCGTCCCCTTTCATCGGTGCCTGGTACTCTGGCAAATGATGATGGGGTGGG
AGACTTTCCATTAAATCAATCAGGAATGAGTCAATCAGCCTTTAGGTCTTTAGTCCGGGG
GACTTGGGGCTGAGAGAGTATAAATAACCTGGGCTGTCCAGCCTTAATAGACTTCTCTT
ACATTTTCGTCTGTAGCACGCTGCCTGCCAAAGTAGTCTTGGCAGCTGGACCATCTCTG
TAGGATCGTAAAAAATAGAAAAAAGAAAAAAGAAAGAAAGAGGGAAAAAGAGCT
GGTGGTTTGATCATTTCTGCCATGATGTTTACAAGATGGCGACCACCAAAGTCAAACGAC
TAACCTATCTATGAACAACAGTAGTTTCTCAGGGTCACTGTCTTGAACCCAACAGTCCC
TTATGAGCGTCACTGCCACCAAAGGTCAATGTCAAGAGAGGAAGAGAGGGAGGAGGGGT
AGGACTGCAGGGGCCACTCCAACTCGCTTAGGTAGAACTATTGGTGCTCGACTCTCAC
TAGGCTAACTCAAGATTTGACCAAATCGAGTGATAGGGATCCTGGTGGGAGGAGAGAGG
GCACATCTCCAGAAAAATGAAAAGCAATACAACCTTTACCATAAAGCCTTTAAAACCAGTA
ACGTGCTGCTCAAGGACCAAGAGCAATTGCAGCAGACCCAGCAGCAGCAGCAGCAGCACA
AACATTGCTGCCTTTGTCCCCACACAGCCTCTAAGCGTGCTGACATCAGATTGTTAAGGG
CATTTTTATACTCAGAACTGTCCCATCCCCAGGTCCCCAACTTATGGACACTGCCTTAG
CCTCTTGAAAATCAGGTAGACCATATTCTAAGTTAGACTCTTCCCCTCCCTCCCACACTT
CCCACCCCAGGCAAGGCTGACTTCTCTGAATCAGAAAAGCTATTAAAGTTTGTGTGTTG

FIG. 6C

A (SEQ ID NO:1)

RTSHESA (SEO ID NO:2)